Salt Laker Makes a Circuit of Them.

GOLDEN SUNBEAM'S RICHES

Rights of the Miner in the Nation's Senate.

New Boilers to Serve the King Con. at Park City-Bingham Tramways as an Outlet for Ores.

While he did not return with a Goldfield gold mine in his game bag, he did return with a most formidable opinion of the country, said William T. Oster on his arrival from Nevada yesterday With the camp much excited and prices away up in the gamut it is difficult, indeed, for a chap of limited resources to acquire a foothold over there just now, he added, and quite naturally he sought other fields. While the deepest worklings at Goldfield did not exceed 125 feet when he shook the gold-dust from his feet, it is not without evidence that the ledges by which the gold-hearing zone is fissured, are capable of great depth. Certainly disclosures in the upper work-ings are characterized by ores of most sensational quality, the most interest-ing examples of this to be found in the January lease, which is now enriching Zeb Kendall of Springville, this State, and his associates. In that block of ground he found the lesses sacking ore which affords an average of \$200 gold per ton, while from the Combina-tion was being raised a class of rock equally as rich

At Diamondfield, a new camp-site within a stone's throw of Goldfield, he found "Diamondfield Jack" Davis revelling over the presence of ore some of which shows a valuation of \$1000 per ton, while an analysis of the quartz of Tonopah disclosed the presence of the gold-bearing tellurides which have done much to stimulate interest in that part of the country. Mr. Harvey, the field man for Patsy Clark, has already tied up the Diamondfield discovery and, says Mr. Oster, everything indicates that Da-vis will come forth with a fortune at

At Jefferson, about sixty miles north-east of Tonopah, Mr. Oster found a gold-bearing proposition that appealed to him and he returned from it with an option and samples from the ledge that option and samples from the ledge that will decide its fate. Jefferson in early days was the scene of much activity, but has for some years been neglected. However, Mr. Oster sees there opportunities as inviting as he has found since his departure.

Pending the arrival of the locomotive for which a pathway is being provided as rapidly as possible, conditions at Tenopah are quiet. However, the spik-ing of rail will begin in a few days, with construction of the line to be pushed as rapidly as possible.

INTERESTS INVOLVED IN TELLER'S BILL

The bill introduced in the Senate by Teller of Colorado to overcome the confusion threatened by the ruling of the General Land Office with reference to mineral locations and Government surveys, will be called up for passage or rejection by the Senate the present week Not an interest in the diggings, perhaps, but is involved, and the news that the menace has been met and overcome will

menace has been met and overcome will be a signal for exuitation in every camp. The bill provides as follows:

"The description of vein or lode claims upon surveyed lands shall designate the location of the claims with reference to the lines of the public survey, but need not conform therewith; but where patents have been issued for claims upon unsurveyed lands, the surveyors-general, in extending the public survey, shall adjust the same to the boundaries of said patented claims, so as in no case to interfere with or change the true location of such claims as they are officially established upon the ground. Where putents have been issued for mineral lands, those lands only shall be segregated and shall be deemed to be patented which are bounded by the lines actually marked, defined and established upon the ground by the monuments of the official survey upon which the patent grant is based, and surveyors-general, in executing subsequent patent surveys, whether upon surveyed or unsurveyed lands, shall be governed accordingly. The said monuments shall at all times constitute the highest authority as to what land is patented, and erroneous calls in the patent description shall give way theresto."

Senator Heyburn of the Committee on Mines and Mining, to whom the bill was referred, recommends its passage. The amendment to the Revised Statutes sought by the bill provides that the boundaries of patented claims established upon the ground shall control in determining the location of the patented claim, as against the calls of the patent where such calls do not conform to the official monuments placed upon the ground and marked as the official survey of the claim.

marked as the official survey of the claim.

In certifying its recommendation to the Senate the committee submits:

The exact position of a mining claim is required to be established upon the ground by such monuments and markings as will enable its boundaries to be readily traced on the ground, through the medium of such markings. It is there that the claim exists and not upon the records of the department issuing the patent, and no mistake in courses, distances or figures made by a mineral surveyor should be allowed to control the location of a claim as against the monuments on the ground. The owner of a claim is given the right, under the law, to locate his lines according to his own judgment and as he may like. Such acts of location are performed by him, and if he does not get the ground he desires it is his fault; but power should not be vested in a mineral surveyor or other officer of the law to so change the location of the claim as to defeat the purposes of the locator by committing an error in making a survey of the connec-

Buy It Now.

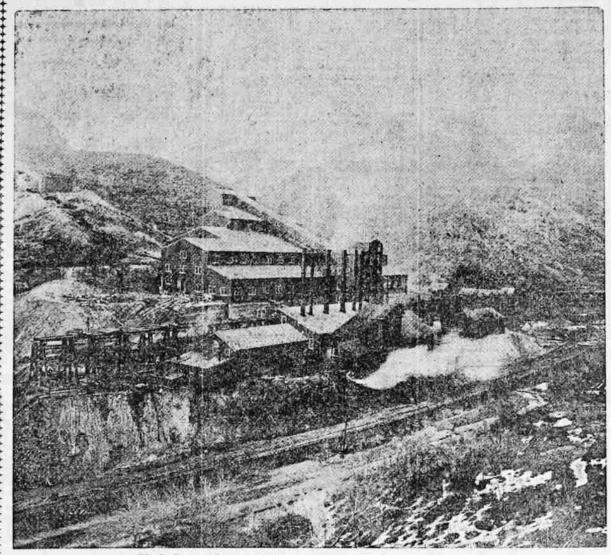
Do not wait until you or some of your family are sick nigh unto death, and then send for Chamberlain's Colic, Cholera and Diarrhoea Remedy, but buy it now and be prepared for an emergency. It is the one remedy that can always be depended upon in the most severe and dangerous cases. For sale by all drug-

NEVADA GOLD CAMPS EVOLUTION OF BINGHAM AS A

Vaults of Wealth to Disgorge at Last.

COPPER CAMP.

Copper, Gold and Silver Surrenders.



Utah Copper Company's Concentrator ; Bingham Canyon, Utah.

In the presence of those to whom Bingham in particular, and a commonwealth
in general, is immeasurably indebted, the
Ulah Conner commonwealth at was not in the light of careful and
that was not in the light of careful and
that was not in the light of careful and
that was not in the light of careful and
that was not in the light of careful and ham in particular, and a commonwealth methodical, not a step having been taken through the trumpins of moderation of the Utah Copper company's new mill overlooking Bingham canyon, and erected at a cost approximating \$39,000, went into commission yesterday, the active reduction of the copper, gold and sliver-bearing porphyries with which the camp is exhaustlessly endowed to follow in a few hours, when a new and most significant cycle in the exploitation of Utah's mineral resources will have been most fittingly and impressively haugurated. Knitzed with flawless accuracy into a structure as imposing as are conditions that inspire due to the promoters, the youngster began its work with the integrity of an adult. The new concentrator, which by the way, is but the fundamental unit in a plant that shall ultimately be made to reduce at least 600 tons of ore daily, was designed by Messrs. D. C. Jackling and Frank P. Janney, whose skill is brilliantly reflected in a number of the most stately and efficient of Western plants, and, under their personal supervision, erected. The unit put into commission yesterday is intended, primarily, to verify results previously tons' capacity—in the same canyon. In in general, is immeasurably indebted, the

THE TRIBUNE NEWS STANDS

CHICAGO-Auditorium, Great Northern,

LOS ANGELES-The Angelus, B. F ardner, 305 Spring Street.

YCRK-Waldorf-Astoria, Impe-

KANSAS CITY-Midland, Coates.

OMAHA-The Millard, The Paxton,

PORTLAND, OR.-Pertland Hotel,

ST. LOUIS-Planters', Southern.

WASHINGTON-Willard, Raleigh.

tions as to course and distance between the mining claim and any arbitrary Gov-

Friment monument. Engineers and chalemen do not always

agree as to their surveys and measure-ments of lines, and the conclusion of an engineer today might not harmonize with those of ten years or twenty years hence, and yet the monuments and boundaries of the mining claim have remained im-

and yet the monuments and boundaries of the mining claim have remained immovable, and should at all times constitute the highest authority as to the land actually included within the patented claim. A very slight variation in the course of a line connecting a mining claim with a Government monument, a mile or more distant, would so shift the location, if it were to be governed by such line, in disregard of the monuments, as to materially affect the rights of parties to their claim, and the amendment proposed is in the interest of a uniform rule to be enforced by the courts in determining such questions.

termining such questions.

The necessity for legislation is particularly called to notice by the decision of the Secretary of the Interior, requiring the posts and monuments of a claim to give way to the calls and courses of dis-

give way to the calls and courses of distances, and oftentimes creating a conflict between mining claims by reason of such a rule where no conflict existed upon the ground, and such a rule is provocative of litigation and endiess expense and difficulty between neighboring claimants. The further object of the bill, and not the least important, is to allow the department to correct errors of survey on the plat and field notes, and recognize the corners on the ground as actually defining the boundaries of the claim where any question arises as to such boundaries.

daries.

As stated by eminent counsel who have submitted their views to your committee, the decision of the Secretary affects the stability of titles to patented mining claims and results in the segregation of the wrong lands under outstanding

he wrong lands under outstanding patents, as well as fallure to protect the

ands which are actually patented.
The legislation proposed by this bill is
eccessary in order to remedy this con-

SAN FRANCISCO-Palace.

SEATTLE-Hotel Northern

BOSTON-Crawford, Parker.

MINNEAPOLIS-West Hotel.

DENVER-Brown Palace.

NEW YORK-1

progress without interruption. Coming from a portion of Colorado where it has been necessary to pump great volumes of water, Mr. Pipe simply shrugs his shoulders at a flow of 250 gallons at the King Con. The shaft has, meanwhile, attained a depth of 130 feet, and 500 feet deeper, a mine, in his opinion, will have been developed. He has been identified with many large ones in Colorado, and has no doubt of the future of territory with which

The Utah School of Mines is becoming

one of the best equipped schools of the

West for the practical instruction of min-

ing Recently, while in Salt Lake, we saw

a vory excellent equipment whereby the

students might thoroughly and practically

solve for themselves the problems in ore

solve for themselves the problems in ore concentration and dressing that may confront them in practical life, writes the editor of Mining Reporter of Denver. The mechanical department is well equipped. The laboratory is designed (1), for testing the strength of materials (2) the operation and study of prine movers. The equipment for studying the strength ductility, elastic limit, etc., of material of construction is a 100,000-pound tension and compression machine. a 60,000-pound tor-

compression machine a 60,000-pound tor-sion machine and a 5000-pound transverse testing machine. For cement testing there is also a very complete equipment. For the study of prime movers the school is also well equipped. The equipment com-prises steam engines with condensers and vacuum numbs an air conversion.

ariso well equipped. The equipment comprises steam engines with condensers and vacuum pumps, an air compressor, a gasoline engine and Rider "hot-air" engine. The students thus have facilities for the practice of engine indicating and valve setting and the study of efficiencies. The apparatus is especially complete for the determination of caloric values of fuel, entrained water in steam, etc.

The Utah people are to be congratulated on having a Legislature wise enough to provide sufficient money to adequately equip its school of mines. The prosperity of an industry is advanced in proportion as properly trained men are developed for carrying on work in a scientific manner. The Utah State School of Mines, with its excellent equipment, which we understand will be added to, is in spiendid condition to carry on the important work of training mining engineers.

AND ALLSPASS MILLS

C. E. Gable, manager of the Golden

Sunbeam company's mines and mill on

Jordan creek, out of Custer, Ida., who is

in Salt Lake City at present, says the ef-

fort of the company the present season

GOLDEN SUNBEAM

Arthur Pipe, master mechanic at the King Consolidated, Park City, who was among yesterday's visitors from the home of the bonanza, says that while there has been a momentary suspension the trouble is all of a mechanical nature, and that operations will be resumed in a few hours. As soon as the roads shall permit, two more bollers, each of 150 horse-power, will be forwarded to the mine, and with this the horizon will have cleared and the campaign of development permitted to

of territory with which

SCHOOL OF MINES

doubt of the future of he is now associated.

PRACTICAL LESSONS:

through the triumphs of modern mechan-ism. In his splendid undertaking Mr Juckling has had the liberal and fearless

BINGHAM, AND THE

AERIAL TRAMWAY

W. P. Hardesty has found in the tram-

way of the United States Mining company

at Bingham material for a most interest-

ing and instructive contribution to a re-

cent number of the Engineering News of

New York city. Touching upon the tram-

way as a means of transportation, Mr. Hardesty, after telling of the company's possessions and the domain over which the wealth of the property is spread,

way as a means of transportation, Mr. Hardesty, after telling of the company's possessions and the domain over which the wealth of the property is spread, says: "After mining its ores, an important part of the company's undertaking is to get them to the railroad, to be shipped to the smelter. Freighting with wagons was the old-time way of doing this, and in ores that were not high-grade it formed an important item of cost. Horse tramways have also been much used at Bingham, but during the past three years these have been replaced by steam roads or serial tramways. The Highland Boy tramway was the first to be built, and it has proved very successful. The United States company also has adopted this method of ore-hauling. The line built by it is heavier and of greater capacity than any hereofore built in the world, and has many interesting features. It is one of the latest of the many wire tope tramways that of late years have become fairly numerous."

Telling of Eligham's evolution as a camp of copper, the writer says:

"In the early days the mining was confined to the carbonate ores found at or near the surface, overlying the sulphides. Not much work was done below fifty feet below the surface; in fact, very much of the ore was shoveled from open cuts and pits directly onto wagons without the necessity of even tram cars. During later years, as increased depth has been attained, the geological formation and the occurrence of ores have been better understood. The sulphides formerly were not desirable, on account of the high price of smelting them, but improved processes have overcome this. Most important immense bodies of copper ore lie under the other ore bodies. The copper is indeed found at the surface, but it becomes more conspicuous as depth is attained, until finally it is the most important metal. The improved processes have overcome this. Most important immense bodies of copper ore lie under the other ore bodies. The copper is indeed found at the surface, but it becomes more conspicuous as depth is attaine

FOUR FEET OF ORE

GOLD DISCOVERIES

IN SEVIER CANYON

IN BALDY REGION

John Meteer, in company with Secretary John M. Hansen, visited the Belknap property in Sevier canyon last Friday. They found the shaft about under the surface croppings, where a four-foot vein of ore is promised, says the Reaper of Richfield.

Director A. J. Robbins of Gunnison of the Mt. Baidy Mining Milling and Water Power company, which was organized by John Patten of New York, spent a few days last week investigating the progress of the work to date. He found one shaft down 109 feet and another 115 feet, both following ore. In the deeper one the low-est values are \$6.80 and the best \$50 in

TOM & JERRY CLOTHING HOUSE, Coming
ter City is the center at this time affords
to it has
unes of should witness greatly increased activity
in its diggings.

line will be broken.

gold. The average across the ledge is \$12. Two shifts in each shaft are fast pushing them down, and the indications grow brighter with every foot, says the Richfield Reaper.

GRAND DEPOSIT'S

PERIOD OF GRIEF

The Grand Deposit Copper company, which was recently organized to develop a valuable copper property at Muncy creek, has finally decided to abandon the project, says the Mining Review of Ely. Nev. The company's affairs have passed into the hands of a receiver, and a representative is daily expected at Muncy with instructions to seil all buildings, machinery, etc., and apply the proceeds toward the payment of the indebtedness.

TONOPAH STOCKS ON 'FRISCO'S BOARD

Transfers were recorded as follows on Priday last: MacNamara, 400 at 20c; Montana-Tonopah, 5500 at 31.25, 400 at 31.35, seller ten days: 400 at 31.20, seller ten days: Ray & O'Brien, 500 at 7c; Rescue, 200 at 2600c; Belmont 1700 at 51652c; Midway, 1300 at 40c; Paymaster, 400 at 10c, buyer thirty days; Tonopah, 100 at \$5.75; North Star, 200 at 34c.

Mining Notes.

E. Kahn of Cherry Creek, Nev., has re-urned to camp. Willard F. Snyder is scheduled to arrive

The Sacramento dividend of \$5000 will be distributed tomorrow. Cashler Hayes of the Bingham Con. at Singham left for camp again yesterday norning.

A wealth of concentrates continues to rrive from Senator Clark's Ophir Hill roup of mines and mill. Joseph L. Jiroux, formerly of the United Verde staff in Arizona is conducting an exantination of nining property in the couthern country.

Southern country.

Secretary E. H. Mead of the Carisa left hastily for San Francisco yesterday, a telegram bringing him information of the death of his father.

Manager MacVichie of the Bingham Con, has returned from its mines at Bingham and interests at Tintic, much pleased with their condition.

C. A. Molson, resident representative of the Exploration company of London, has returned from Grantsville, where he has been impulring into mining property. H. V. M. Dennis, the new receiver of the New York and Nevada company's proper-ties at Ely, assures the people of that camp that its affairs will be adjusted as soon as possible. The directors of the Blackbird Mining

company will meet in adjourned session today, at which time a policy concerning the future development of its properties out of Frisco will be decided on.

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telly given.
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TIME TABLE

In Effect

Nov. 22, 1903.

6:00 a.m. 10:20 a.m.

1:10 p.m.

... 11:45 p.m

*5:35 p.m

J. L. MOORE

Commercial Agt,

ARRIVE.

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D. E. BURLEY, O. P. & T. A.
D. B. SPENCER, A. G. P. & T. A.
City Ticket office, 201 Main street.
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Mercur and Sanpete Valley
Ry, points. 5:35 p.m.

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E. W. GILLETT.

Gen'l. Pass. Agt.

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Prom Orden and intermediate points

From Ogden. Cache Valley, and intermediate points...

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From Ogden, Cache Valley, St. Anthony, Portland and San Francisco

DEPART.
For Ogden, Omaha, Calicago,
Denver, Kansas City and
St. Louis
For Ogden, Portland, St. Anthony, San Francisco and
intermediate points
For Ogden, Omaha, Chicago,
Denver, Kansas City, St.
Louis and San Francisco.
For Ogden, Cache Valley,
Denver, Kansas City, Omaha, St. Louis and Chicago,
For Ogden, Cache Valley,
Denver, Kansas City, Omaha, St. Louis and Chicago.
For Ogden, Cache Valley,
Butte, Helena, Portland,
San Francisco and intermediate points
T. M. SCHUMACHER, Tra

TIME

TABLE

DENVER PRIO GRANDE

In effect Hovember 22, 1903. LEAVE SALT LAKE CITY.

No. 10—For Zingham, Heber, 200 a.m. Lad
No. 103—For Park City. 8:10 a.m. Lad
No. 103—For Park City. 8:16 a.m. m. in
No. 5—For Denver and East. 8:20 a.m. The
No. 5—For Ogden and West. 10:50 a.m. The
No. 1—For Ogden and East. 3:15 p.m. lb. p.
No. 2—For Denver and East. 3:15 p.m. lb. p.
No. 8—For Provo and Eureka, 5:09 p.m. will
No. 9—For Ogden and local pts. 6:06 p.m.
No. 4—For Denver and East. 8:06 p.m.
No. 3—For Ogden and West. 13:10 a.m.
ARRIVE AT SALT LAKE CITY. ARRIVE AT SALT LAKE CITY.

ARRIVE AT SALT LAKE CITY.

No. 6-From Ogden and the East 8:10 am set 8

No. 12-From Ogden and local pix 9:00 am set 8

No. 7-From Eureka and Provo. 10:00 am set 8

No. 5-From Denver and East 1:35 p. m.

No. 1-From Denver and East 1:35 p. m.

No. 2-From Ogden and the West 3:05 p.m.

No. 10-From Bingham, Heber.

Provo and Marysvale. 6:00 p.m.

No. 4-From Ogden and the West 7:55 p.m.

No. 4-From Ogden and East 1:155 p.m.

No. 5-From Denver and East 1:155 p.m.

No. 5-From Denver and East 1:155 p.m.

No. 4-From Ogden and the West 7:55 p.m.

No. 4-From Ogden and the Set 1:155 p.m.

No. 4-From Denver and East 1:155 p.m.

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